

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S90	92	(cole bryan).in. OR (sorensen troy).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:21
S91	856905	Image sensor OR pixel OR PEL OR picture element OR sens\$3 element OR sens\$3 device	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S92	202881	(Filter OR coat\$3 OR layer) WITH (polysilicon OR epitaxial OR crystal silicon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S93	5753	S91 same S92	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S94	199428	Transfer gate OR (read\$3 NEAR3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S95	1208	S93 and S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S96	1180	S95 and (Substrate OR wafer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S97	38289	(Photodiode OR sensor OR photosensor OR (photo NEAR2 (sensor OR sensitive element))) SAME ((captur\$3 OR absorb\$3 OR receiv\$3 OR sens\$3) WITH wavelength\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S98	237	S96 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:24
S99	8	S98 and (filter WITH ground\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:25

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S10 0	18	(US-20040178466-\$ or US-20030045020-\$ or US-20020190254-\$ or US-20020005524-\$ or US-20030124755-\$ or US-20020058353-\$).did. or (US-6815743-\$ or US-4011016-\$ or US-4613895-\$ or US-4677289-\$ or US-7132724-\$ or US-6476374-\$ or US-6965102-\$ or US-6960799-\$ or US-7129466-\$ or US-6093585-\$ or US-5789263-\$ or US-6841816-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/08/24 16:32
S10 1	5	S100 and ground	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:33
S10 2	94	((Filter) WITH (polysilicon OR epitaxial OR crystal silicon)) SAME (photosensor OR photodiode OR photogate OR photoconductor OR (convert\$3 NEAR2 (device or element)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:37
S10 3	10	S102 and (filter WITH ground\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:37
S10 4	5	("5182624"   "5354989"   "5534443"   "5766980"   "6482669").PN. OR ("7262404").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/24 16:39
S10 5	29	(pixel) WITH (filter NEAR5 ground\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:40
S10 6	83	((ground NEAR3 potential) OR grounded) WITH (filter NEAR3 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:43
S10 7	51	((ground NEAR3 potential) OR grounded) WITH (filter NEAR3 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:50
S10 8	1	"20020058353" and ground	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 16:58
S10 9	269	((ground NEAR3 potential) OR grounded OR ground) WITH (filter NEAR3 color)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:08
S11 0	218	S109 not S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:08

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S11 1	22	S110 and ("348".clas. OR "250".clas. OR "257".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:09
S11 2	0	((ground NEAR3 potential) OR grounded OR ground) WITH (filter NEAR3 color) WITH (charge NEAR5 buildup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:12
S11 3	1	((ground NEAR3 potential) OR grounded OR ground) WITH (filter NEAR3 layer) WITH (charge NEAR5 buildup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:12
S11 4	62	((ground NEAR3 potential) OR grounded OR ground) WITH (layer) WITH (charge NEAR5 buildup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:12
S11 5	12	S114 and ("348".clas. OR "250".clas. OR "257".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:12
S11 6	0	((ground NEAR3 potential) OR grounded OR ground) WITH (filter NEAR3 color) SAME (charge NEAR5 buildup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:15
S11 7	110	((((ground NEAR3 potential) OR grounded OR ground) WITH layer) SAME (charge NEAR5 buildup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:16
S11 8	23	S117 and ("348".clas. OR "250".clas. OR "257".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/08/24 17:16

## EAST Search History (Interference)

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